

IN THE CLAIMS:

Please amend the PCT Amended Claims as follows:

1. (Currently Amended) A device for tamponade of body cavities ~~and, for example also for purposes of secure~~ mechanical anchoring of a catheter, the device comprising:

a flexible tube segment (2) having an inner wall (4) and an outer wall (6) that ~~enclose~~ surround a an interior hollow space (8), ~~so that wherein~~ said tube segment (2) is inflatable, ~~said tube segment (2) being and is configured~~ fashioned without through-passing support bodies ~~in such a way so~~ that a displacement of tube wall material between said inner wall (4) and said outer wall (6) of said tube segment (2) is possible as inflation proceeds, ~~characterized in that~~ wherein said tube segment further comprises:

- a) ~~said tube segment (2) has~~ two ends (7,9), ~~both of which~~ are fastened to ~~the~~ a same closing element (10), configured so that a torus geometry is striven for as said inflatable tube segment (2) is ~~filled,~~ inflated and
- b) said closing element (10) ~~being in the form of~~ is a pipe nipple ~~by means of which~~ and said two ends (7,9) of said tube segment (2) are joined together fluid-tightly.

2. (Currently Amended) The device according to claim 1, ~~characterized in that wherein~~ at least said outer wall (6) is thin-walled and elastically expandable.

3. (Currently Amended) The device according to ~~either of~~ claims ~~1 and 2~~, characterized in that wherein at least said outer wall (6) of the tube ~~body~~ segment (2) has a wall thickness of a few microns.

4. (Currently Amended) The device according to ~~one of~~ claims ~~1 to 3~~, characterized in that wherein said tube segment (2) consists of a transparent material.

5. (Currently Amended) The device according to ~~one of~~ claims ~~1 to 4~~, characterized in that wherein said tube segment (2) consists of a polyurethane, a polyurethane/polyvinyl chloride mixture, or a comparable polyurethane-based material or a polymer having comparable expansion and processing characteristics.

6. (Currently Amended) The device according to ~~one of~~ claims ~~1 to 5~~, characterized in that wherein said tube segment (2) is ~~arranged~~ configured for the reversible, sealing securement of a catheter at the end of a catheter shaft (15).

7. (Currently Amended) The device according to ~~one of~~ claims ~~1 to 6~~, characterized in that wherein said tube segment (2) is formed by invaginating a single-walled tube section (1).

8. (Currently Amended) The device according to ~~one of~~ claims ~~1 to 7~~, characterized in that wherein at least one end (7 or 9) of said tube section (1) is attached to a the catheter

shaft (15).

9. (Currently Amended) The device according to ~~one of~~ claims ~~1 to 8~~, ~~characterized in that~~ wherein a channel (13) for the delivery and/or discharge of a fluid opens into the interior space (8) formed by said walls (4, 6) of said tube segment (2).

10. (Currently Amended) The device according to ~~one of~~ claims ~~1 to 9~~ 7, ~~characterized in that~~ wherein said tube section (1) or a portion thereof is preformed as a single-walled tube ~~with~~ in the shape of a roll before being fashioned into a tube segment (2) by invagination.

11. (Currently Amended) The device according to claim 10, ~~characterized in that~~ wherein ~~the~~ a bulge produced vertically to the plane of rotation of said tube segment (2) by ~~said the~~ invagination is thickened by said preforming.

12. (Currently Amended) The device according to claim 10, ~~characterized in that~~ wherein said tube section (1) is preformed in such a way that ~~the~~ a tube portion (3) that forms the inner wall of said tube segment (2) after invagination is smaller in cross section and has a greater wall thickness than ~~the~~ a tube portion (5) forming the outer wall (6).

13. (Currently Amended) The device according to ~~one of~~ claims ~~1 to 12~~, ~~characterized in that~~ wherein said tube portion (3) is ~~fashioned~~ provided with a uniform wall thickness and a

uniform inner diameter.

14. (Currently Amended) The device according to ~~one of~~ claims 1 ~~to 13~~, ~~characterized in that~~ wherein said tube segment (2) is implemented with a residual volume.

15. (Currently Amended) The device according to ~~one of~~ claims 1 ~~to 14~~, ~~characterized in that~~ wherein ~~said~~ a channel (13) is connected via a flexible connecting tube to a valve (14) disposed outside said tube segment (2).

16. (Currently Amended) The device according to claim 15, ~~characterized in that~~ wherein said valve (14) ~~is implemented as~~ includes a valve lip.

17. (Currently Amended) The device according to ~~one of~~ claims 1 ~~to 15~~, ~~characterized in that~~ wherein ~~provided as~~ said valve (14) is a circular sleeve ~~made~~ consisting of flexible material and disposed between said tube ends (7, 9).

18. (Currently Amended) The device according to ~~one of~~ claims 1 ~~to 17~~, ~~characterized in that~~ wherein a clamping closure (21) having a longitudinally displaceable sleeve (22) is slidably attached to ~~slid onto~~ said tube segment (2) ~~is a clamping closure (21) having a longitudinally displaceable sleeve (22).~~

19. (Currently Amended) The device according to ~~one of~~ claims 1 ~~to 17~~, ~~characterized in that~~ wherein a collar-shaped

abutment (16) is disposed on a selected one of said pipe nipple ~~(10) or~~ and said catheter shaft (15).

20. (Currently Amended) The device according to ~~one of~~ claims 1 ~~to 19~~, ~~characterized in that~~ wherein a pressure sensor is contained in ~~said~~ an interior space (20).

21. (Currently Amended) The device according to ~~one of~~ claims 1 ~~to 20~~, ~~characterized in that~~ wherein a medically active substance can be introduced into the interior space (8) enclosed by said tube segment (2).

22. (Currently Amended) The device according to claim 21, ~~characterized in that~~ wherein said medically active substance has at least one of radioactive and ~~or~~ chemotherapeutic properties.

23. (Currently Amended) The device according to ~~either of~~ claims 21 ~~and 22~~, ~~characterized in that~~ wherein said tube segment (2) is covered in at least one subregion by a shield (21) and ~~in that~~ said shielding suppresses or decreases the medicinal activity of the substance in the shielded subregion.

24. (Currently Amended) The device according to ~~one of~~ claims 1 ~~to 20~~, ~~characterized in that~~ wherein a radiographic contrast medium can be introduced into the interior space (8) enclosed by said tube segment (2).

25. (Currently Amended) The device according to claims 1 ~~to 24, characterized in that~~ wherein said tube segment (2) has at least one of substances ~~or~~ and bodies affixed to ~~its~~ a surface.

26. (Currently Amended) The device according to claim 25, wherein with the substances or bodies affixed to ~~its~~ the surface, ~~characterized in that said substances of said tube segment~~ are contained in at least one of a receptacle ~~or~~ and a support ~~that is~~ connected to said tube segment.

27. (Currently Amended) The device according to claim 26, ~~characterized in that~~ wherein said substances and bodies are constituted by at least one of radioactive ~~or~~ and chemotherapeutic agents.

28. (Currently Amended) The device according to claim 25, wherein with the substances and bodies affixed to ~~its~~ the surface of said tube segment, ~~characterized in that said bodies are constituted by electrodes conducted to the outside.~~